

1,173 cases of domestic arboviral disease reported in 2019 in United States

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(HealthDay)—In 2019, there were 1,173 cases of domestic arboviral

disease, of which 83 percent were West Nile virus (WNV) disease cases, according to research published in the Aug. 13 issue of the U.S. Centers for Disease Control and Prevention *Morbidity and Mortality Weekly Report*.

Grace M. Vahey, D.V.M., from the CDC in Atlanta, and colleagues summarized surveillance data for nationally notifiable domestic arboviruses reported to the CDC for 2019.

The researchers note that 1,173 cases of domestic arboviral disease were reported in 2019 for 47 states and the District of Columbia, including 971 (83 percent) WNV disease cases. Sixty-five percent of the WNV disease cases were classified as neuroinvasive disease, for a national incidence of 0.19 cases per 100,000, which was 53 percent lower than the median annual incidence during the period of 2009 to 2018.

Compared with any previous year, there were more Powassan and eastern equine encephalitis virus disease cases reported in 2019. In patients with aseptic meningitis or encephalitis, [health care providers](#) should consider arboviral infections, perform recommended diagnostic testing, and report cases to public health authorities.

"Because human vaccines against domestic arboviruses are not available, prevention depends on community and household efforts to reduce vector populations (e.g., applying insecticides and reducing breeding sites), use of personal protective measures to decrease mosquito and tick exposures (e.g., repellents and [protective clothing](#)), and blood donation screening to minimize alternative routes of transmission," the authors write.

More information: [Abstract/Full Text](#)

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